Stock update via XML and REST-API

By means of the REST-API of TB.One, stock updates can be directly and immediately uploaded into the account. This allows to avoid the dependency on the time schedule of the import jobs. This method is appropriate when you want to keep the stocks of already registered articles up-to-date even during the processing of large product data catalogues. This will only work if the stock are exclusively changed with this method.

As the file is directly processed, the response time of the REST call is directly related to the size of the file. This method is not suitable for files larger than 10 MB.

Call of the REST interface

Basic structure of the REST-URI:

```
https://rest.trade-server.net/ACCOUNT-NR/TARGET
```

To be able to execute REST calls, an API user must be created in the called system (TB.One) who has API access rights on the channel. You receive a status message with a status code in the HTTP header.

Possible http status code header messages:
- 200 (all codes starting with 2xx): Call/processing successful.
- 400 (all codes starting with 4xx): Call not successful resp. request faulty.

Send inventory lists

Method	POST	Sends
Target	articles/stock	an inventory list
Example	https://rest.trade-server.net/9951/articles/stock	

To send	The inventory file "TBCAT_STOCK_local.xml" that shall be imported has the following content:
	One centralised warehouse:
	
	```<TBSTOCK> <ARTICLE> <A_NR>3810b1M</A_NR> <A_STOCK>15</A_STOCK> </ARTICLE> <ARTICLE> <A_NR>564721</A_NR> <A_STOCK>8</A_STOCK> </ARTICLE></TBSTOCK>```
	
	Several warehouses:
	
	```<TBSTOCK> <ARTICLE> <A_NR>3810b1M</A_NR> <A_STOCK identifier="key" key="zentrallager">10</A_STOCK> <A_STOCK identifier="key" key="aussenlager">5</A_STOCK> </ARTICLE></TBSTOCK>```	

The scheme-URL is: `http://api.trade-server.net/schema/all_in_one/tb-stock_all_in_one.xsd`.

To send REST calls, a variety of programs is available. Where you have to enter your data in detail depends on the software you use for that.